



DEUMISAL NANOGEL BARRIER

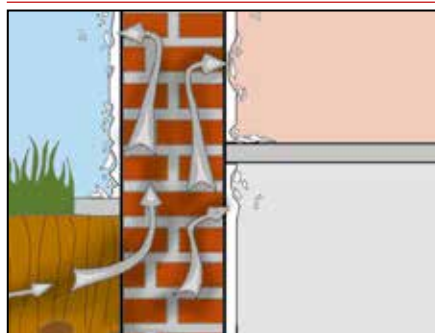
SELF-MIGRATING NANOSILANE GEL CHEMICAL BARRIER
FOR THE WATER-REPELLENT TREATMENT
OF WALLS SUBJECT TO CAPILLARY RISING DAMP

GRANTS *LEED* CREDITS

CHARACTERISTICS	ENVIRONMENTAL	METHOD OF USE	PRECAUTIONS
 ALLOWS TO BREATHE		 APPLY BY GUN	

PROBLEM

CREATES A CHEMICAL BARRIER TO CAPILLARY RISING DAMP IN WALLS

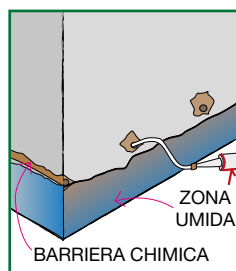


Capillary rising damp transports high levels of salts such as sulphates, chlorides, nitrates, etc. with it, which crystallise producing surfacing salts. The tension caused by the crystallisation of salts causes crumbling and the detachment of plaster and finishing products due to the increase in volume of the salt crystals.



SOLUTION

DEUMISAL NANOGEL BARRIER is the simplest system for creating a chemical barrier with injections to stop capillary rising damp in walls. DEUMISAL NANOGEL BARRIER is a silane-based composition in the form of a self-migrating gel packaged in normal cartridges and easily extrudable with sealant guns.



APPLICATION FIELDS

DEUMISAL NANOGEL BARRIER can be used in any type of wall subject to capillary rising damp problems.

ADVANTAGES

- Easy to apply even by inexperienced personnel.
- Ready to use. Does not require special tools.
- The product is not hazardous.
- It migrates into the pores of the wall guaranteeing uniform distribution and very high water repellence.

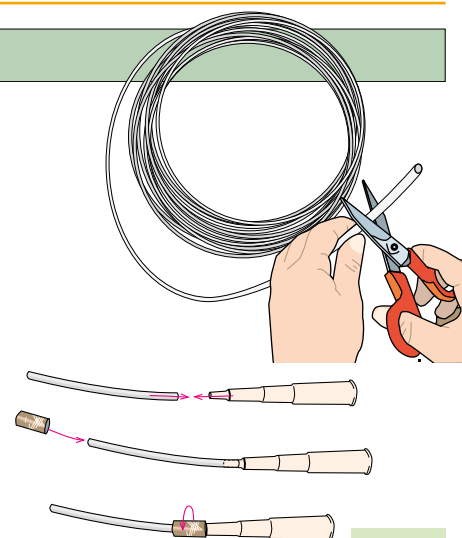


METHOD OF USE

Make horizontal holes in a line, about 5 cm from the ground and however in the lowest possible part of the wall. Make the holes with a drill using a tip with a suitable length for the thickness of the wall. Normally the depth of the hole must be about 5 cm less than the thickness of the wall. The diameter of the holes must be 14-16 mm

and they must be made at a distance of 10 cm (max. 12 cm).

Cut the tubes provided to the required length, no less than the thickness of the wall. They must be inserted and fixed to the cones of the cartridges with the bushes supplied.



TECHNICAL CHARACTERISTICS

	Standard	DEUMISAL NANOGEL BARRIER
Appearance		creamy gel
Colour		Milky white
Density		1.00 ± 0.05 kg/L
pH		7-8
Storage in original packaging in a dry place, away from frost		12 months



With normal sealant guns the gel is injected starting from the bottom of the hole until the whole cavity is filled leaving the last 2 cm to be filled with quick-setting mortar such as FASTCEM.

• CONSUMPTION

The consumption with holes that have a diameter of 14 mm at a distance of 10 cm and hole depth 25 cm is approximately 1x310 cm³ cartridge per linear metre. To calculate the consumption for different depths use the following proportion: Depth of hole in cm/25 = cartridges per linear metre.

• PRECAUTIONS

- For plaster surfaces, remove plaster to a height of approximately 50 cm beyond the level reached by the rising damp and after application repair with a renovation plaster such as POROVENT, DEUMISAN or IDROPLAN.
- The product is not hazardous, but avoid contact with the skin in any case.



REFERENCES



PACKAGING

310-cc Cartridge
Pack of 24 cartridge (with pipes and accessories)

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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